

NPIC/R-1155/64

March 1964

PHOTOGRAPHIC INTERPRETATION REPORT

IPIR
GOLDEN TREE MISSION 3869
21 MARCH 1964

Declass Review by
NIMA/DOD

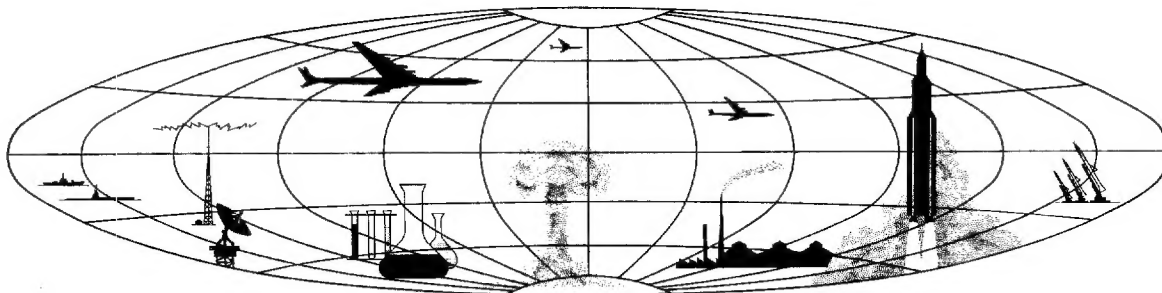


CIA



DIA

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER



W A R N I N G

This document contains information affecting the national defense of the United States, within the meaning of Title 18, sections 793 and 794, of the U.S. Code, as amended. Its transmission or revelation of its contents to or receipt by an unauthorized person is prohibited by law.

SECRET

NPIC/R-1155/64

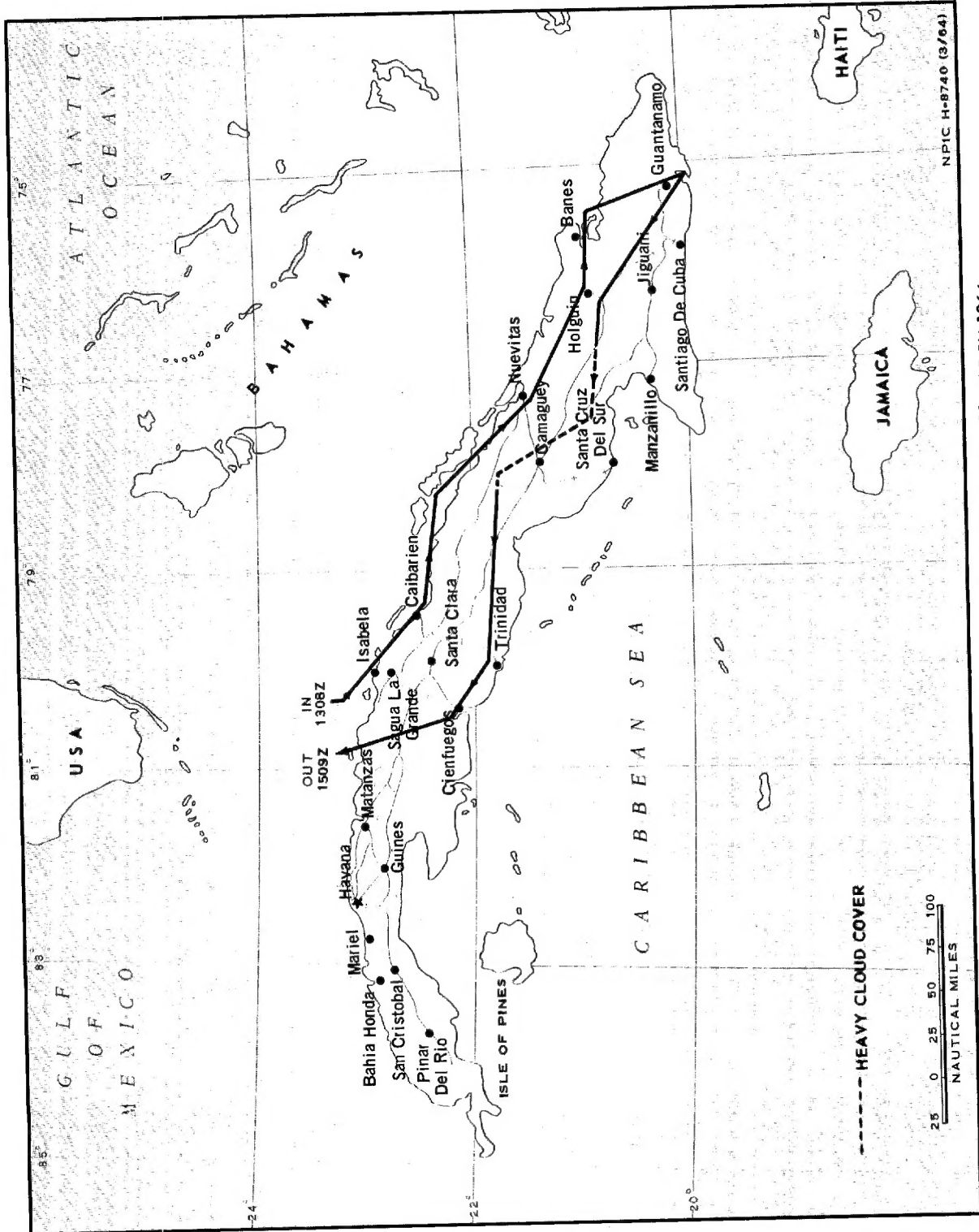
PREFACE

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM GOLDEN TREE MISSION 3869, DATED 21 MAR 1964. THE NUMBER APPEARING AT THE END OF THE HEADER LINE IS THE COMOR TARGET NUMBER.

SYMBOLS USED TO INDICATE CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON THE PHOTOGRAPHY ARE AS FOLLOWS -- C (CLEAR), SC (SCATTERED CLOUDS), HC (HEAVY CLOUDS), H (HAZE), CS (CLOUD SHADOW), SD (SEMIDARKNESS), O (OBLIQUITY), PQ (POOR IMAGE QUALITY).

SECRET

NPIC/R-1155/64



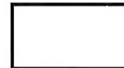
APPROXIMATE TRACK OF GOLDEN TREE MISSION 3869, 21 MARCH 1964

SECRET

NPIC/R-1155/64

MISSILES

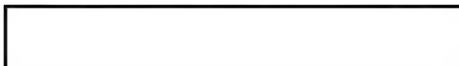
CIENFUEGOS SAM SITE 2202N 08024W



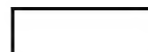
25X1

SIX UNRENETTED LAUNCHERS (3 WITH MISSILES), 10 MISSILE TRANSPORTERS (4 WITH UNCOVERED MISSILES), A CANVAS-COVERED HOLD AREA, 7 PROBABLE TRACKED PRIME MOVERS, AT LEAST 7 CARGO TRUCKS, 3 OTHER VEHICLES, AND A GUIDANCE AREA CONTAINING CANVAS-COVERED RADAR AND CANVAS-COVERED EQUIPMENT OBSERVED.
NO APPARENT CHANGE IN FACILITIES.

25X1



SAGUA LA GRANDE SAM SITE 2251N 08005W



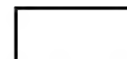
25X1

SIX REVETTED LAUNCHERS (3 WITH MISSILES), 3 MISSILE TRANSPORTERS (ONE CANVAS-COVERED ADJACENT TO A LAUNCHER), ONE CANVAS-COVERED HOLD AREA, ONE TRACKED PRIME MOVER, ONE VAN TRUCK, 2 OTHER VEHICLES, AND A GUIDANCE AREA WITH RADAR AND CANVAS-COVERED EQUIPMENT OBSERVED.
TWO ADDITIONAL LAUNCHERS, ONE FAN SONG RADAR, 6 VAN TRUCKS, AND 5 VAN TRAILERS REMAIN ADJACENT TO A HOLD AREA.
NO APPARENT CHANGE IN FACILITIES.

25X1



CAIBARIEN SAM SITE 2228N 07929W



25X1

SIX UNRENETTED LAUNCHERS (2 WITH MISSILES AND 3 CANVAS-COVERED), 2 CANVAS-COVERED MISSILE TRANSPORTERS ADJACENT TO LAUNCHERS, ONE CANVAS-COVERED HOLD AREA, ONE CARGO TRUCK, ONE VAN TRUCK, 3 OTHER VEHICLES, 3 VAN TRAILERS, AND A GUIDANCE AREA WITH RADAR AND CANVAS-COVERED EQUIPMENT OBSERVED.
NO APPARENT CHANGE IN FACILITIES.

25X1



LOS ANGELES SAM SITE 2100N 07541W



25X1

SIX UNRENETTED LAUNCHERS, A CANVAS-COVERED HOLD AREA, APPROXIMATELY 25 UNIDENTIFIED VEHICLES OR PIECES OF

SECRET

SECRET

NPIC/R-1155/64

EQUIPMENT, AND A GUIDANCE AREA WITH RADAR AND CANVAS-
COVERED EQUIPMENT OBSERVED.
OBLIQUITY LIMITS INTERPRETATION.

25X1



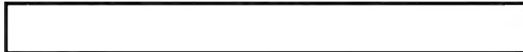
25X1

SANTIAGO DE CUBA SAM SITE 1959N 07550W



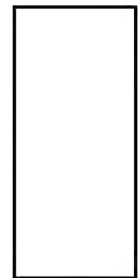
SIX UNRETTED LAUNCHERS, 5 MISSILE TRANSPORTERS,
11 UNIDENTIFIED VEHICLES OR PIECES OF EQUIPMENT, AND
A GUIDANCE AREA CONTAINING RADAR AND CANVAS-
COVERED GUIDANCE EQUIPMENT OBSERVED.
OBLIQUITY LIMITS INTERPRETATION.

25X1



VICTORIA DE LAS TUNAS SAM ASSEMBLY AREA 2104N 07700W

25X1



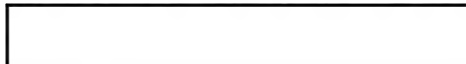
25X1



MALDONADO SAM SITE 2012N 07528W

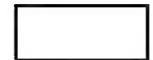
SIX RETTTED LAUNCHERS (ONE CANVAS-COVERED), ONE
MISSILE TRANSPORTER ADJACENT TO LAUNCHER, AND A
RETTED GUIDANCE AREA WITH RADAR AND CANVAS-COVERED
GUIDANCE EQUIPMENT OBSERVED.
NO APPARENT CHANGE IN FACILITIES.

25X1



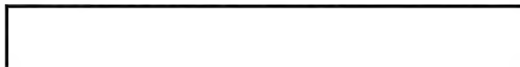
CAMAGUEY AIRFIELD SAM SITE 2122N 07750W

25X1



SIX UNRETTED LAUNCHERS (3 CANVAS-COVERED), 6 MISSILE
TRANSPORTERS, APPROXIMATELY 20 OTHER VEHICLES OR
PIECES OF EQUIPMENT AND A GUIDANCE AREA WITH RADAR AND
CANVAS-COVERED EQUIPMENT OBSERVED.
SCATTERED CLOUDS AND CLOUD SHADOW LIMIT
INTERPRETATION.

25X1



SECRET

SECRET

NPIC/R-1155/64

HOLGUIN SAM SITE 2052N 07627W

25X1

FIVE UNREVIEWED LAUNCHERS, 7 MISSILE TRANSPORTERS, 14 TRACKED PRIME MOVERS, 11 OTHER VEHICLES, 3 VAN TRAILERS, AND A GUIDANCE AREA WITH RADAR AND CANVAS-COVERED EQUIPMENT OBSERVED IN CLOUD-FREE AREAS. NO APPARENT CHANGE IN FACILITIES.

25X1

SANTA CLARA SAM SITE 2229N 08000W

25X1

SIX UNREVIEWED LAUNCHERS, 2 CANVAS-COVERED HOLD AREAS, AT LEAST 16 UNIDENTIFIED VEHICLES, AND A GUIDANCE AREA WITH RADAR AND CANVAS-COVERED EQUIPMENT OBSERVED. NO APPARENT CHANGE IN FACILITIES. OBLIQUITY LIMITS INTERPRETATION.

25X1

NUEVITAS SAM SITE 2 2132N 07717W

25X1

AT LEAST 5 UNREVIEWED LAUNCHERS (3 CANVAS-COVERED), ONE MISSILE TRANSPORTER WITH UNCOVERED MISSILE, A CANVAS-COVERED MISSILE HOLD AREA, AT LEAST 10 TRACKED PRIME MOVERS, 3 OTHER VEHICLES, AND A GUIDANCE AREA CONTAINING RADAR, 7 VAN TRAILERS (3 PARTIALLY CANVAS-COVERED), AND CANVAS-COVERED EQUIPMENT OBSERVED. NO APPARENT CHANGE IN FACILITIES.

25X1

PRESTON SAM SITE 2044N 07538W

25X1

SIX REVIEWED LAUNCHERS (2 PROBABLY WITH MISSILES), 4 MISSILE TRANSPORTERS, 12 TRACKED PRIME MOVERS, 9 OTHER VEHICLES, 3 VAN TRAILERS, AND A GUIDANCE REVETMENT WITH RADAR, 4 VAN TRAILERS, AND COVERED EQUIPMENT OBSERVED. NO APPARENT CHANGE IN FACILITIES.

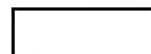
25X1

SECRET

SECRET

NPIC/R-1155/64

BANES CRUISE-MISSILE SITE 2058N 07538W



25X1

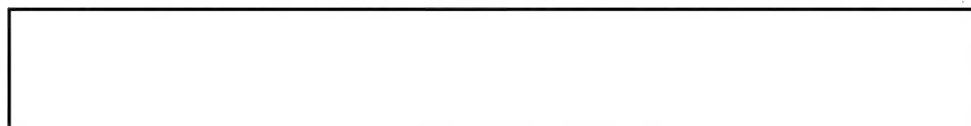
TWO REVETTED LAUNCHERS, 7 MISSILE TRANSPORTERS,
APPROXIMATELY 10 OTHER VEHICLES, AND A CANVAS-COVERED
GUIDANCE AREA OBSERVED.
NO APPARENT CHANGE IN FACILITIES.

25X1

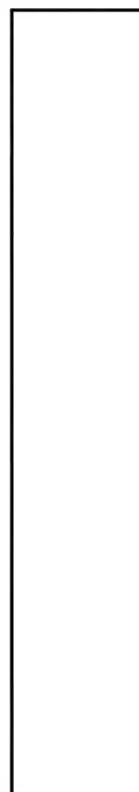


MAYARI ARriba CRUISE-MISSILE ACTIVITY 2027N 07531W

25X1



25X1

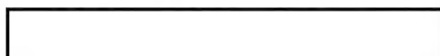


AIR FACILITIES

CAMILO CIENFUEGOS AIRFIELD 2229N 07955W

25X1

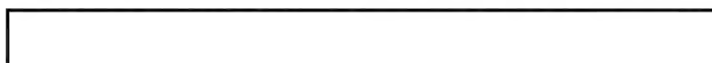
AIRCRAFT -- 12 FAGOT AND 8 HOUND.



CAMAGUEY INTERNATIONAL AIRFIELD 2125N 07750W

25X1

AIRCRAFT -- ONE CRATE TAKING OFF, AND 2 LIAISON.



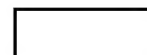
HOLGUIN AIRFIELD 2047N 07618W

25X1

AIRCRAFT -- 12 FAGOT/FRESCO, ONE COLT, ONE POSSIBLE
ZLIN TRENER AND 10 HOUND OBSERVED IN CLOUD-FREE AREAS.



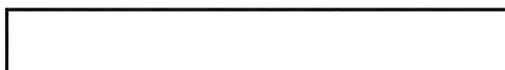
ANTONIO MACEO AIRFIELD 1958N 07550W



25X1

AIRCRAFT -- ONE COOT, ONE CRATE AND ONE PROBABLE C-47
OBSERVED IN CLOUD-FREE AREAS.

25X1



SECRET

SECRET

NPIC/R-1155/64

CAIBARIEN AIRFIELD 2230N 07928W

AIRCRAFT -- 2 LIAISON AND 2 HOUND.

[REDACTED]

NAVAL ACTIVITY/PORTS

BANES NAVAL BASE 2055N 07542W

VESSELS -- ONE KRONSTADT-CLASS PC.
AT LEAST 6 UNIDENTIFIED CRATES REMAIN.

[REDACTED]

CIENFUEGOS NAVAL BASE 2208N 08027W

VESSELS -- 2 KRONSTADT-CLASS PC, ONE PCE, 6 P-6 MTB,
ONE YP, ONE LARGE FREIGHTER, AND ONE COASTAL TANKER.

[REDACTED]

SANTIAGO DE CUBA NAVAL BASE AND PORT 2001N 07550W

VESSELS -- 3 LARGE AND 2 SMALL FREIGHTERS.

[REDACTED]

NUEVITAS PORT 2132N 07715W

VESSELS -- 3 LARGE FREIGHTERS AND ONE LARGE TANKER.

[REDACTED]

LA ISABELA PORT 2256N 08000W

VESSELS -- 3 LARGE FREIGHTERS.

[REDACTED]

25X1

25X1

SECRET

SECRET

NPIC/R-1155/64

CAIBARIEN PORT 2231N 07928W

VESSELS -- 2 LARGE FREIGHTERS ANCHORED NW OF CAYO FRANCIS.

25X1

25X1

CASILDA PORT 2145N 07959W

NO LARGE VESSELS OBSERVED IN CLOUD-FREE AREAS.

25X1

JUCARO PORT 2137N 07851W

NO LARGE VESSELS OBSERVED.

25X1

PUERTO PADRE PORT 2113N 07632W

VESSELS -- ONE LARGE FREIGHTER OBSERVED IN CLOUD-FREE AREAS.

25X1

MILITARY ACTIVITY

GUANTANAMO AREA 2018N 07525W

NO NEW MILITARY ACTIVITY OBSERVED IN CLOUD-FREE AREAS.

25X1

HOLGUIN MILITARY CAMP 2053N 07613W

MAIN CAMP -- 23 LARGE TENTS (3 NON-SOVIET), 13 MEDIUM TENTS (ONE NON-SOVIET), 15 SMALL TENTS, 12 TANKS, 6 TANKS/SP GUNS, ONE AT-T TRACKED PRIME MOVER, 59 CARGO TRUCKS, 3 VAN TRUCKS, 5 UTILITY TRUCKS, 8 OTHER VEHICLES, AND 4 TRAILERS/GENERATORS. THE 6-GUN AAA SITE IS OCCUPIED.

25X1

25X1

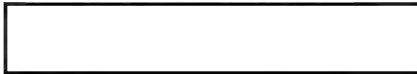
SECRET

SECRET

NPIC/R-1155/64

CAMP .6 NM SE -- NO APPARENT CHANGE IN FACILITIES.
TWELVE CARGO TRUCKS, 4 UTILITY TRUCKS, 16 FA PIECES,
AND 12 AAA PIECES.
CAMP 2.2 NM SE -- IDENTIFICATION ONLY.

25X1



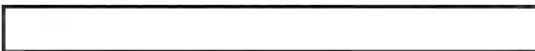
OFELIA MILITARY CAMP 2006N 07530W



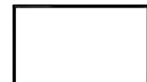
25X1

NO APPARENT CHANGE IN FACILITIES.
AT LEAST 15 TANKS/SP GUNS, 98 CARGO TRUCKS, 5 VAN
TRUCKS, 9 UTILITY TRUCKS, 32 FA PIECES, 15 AAA PIECES,
18 MORTARS, AND 9 UNIDENTIFIED VEHICLES OR PIECES OF
EQUIPMENT OBSERVED IN CLOUD-FREE AREAS.

25X1



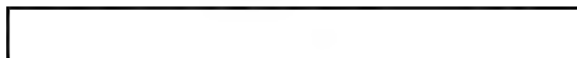
REMEDIOS MILITARY AREA 2227N 07935W



25X1

NO APPARENT CHANGE IN FACILITIES.
FIVE BRDM APC, 30 CARGO TRUCKS, 4 VAN TRUCKS,
2 UTILITY TRUCKS, 9 CARGO TRAILERS, 6 OTHER VEHICLES,
5 PROBABLE MOTORCYCLES, AND 8 FA PIECES. THE 6-GUN
AAA SITE REMAINS OCCUPIED.

25X1



CAMAGUEY MILITARY CAMP 2126N 07753W



25X1

APPROXIMATELY 50 UNIDENTIFIED VEHICLES, 25 FA PIECES,
AND 17 MORTARS OBSERVED.

25X1



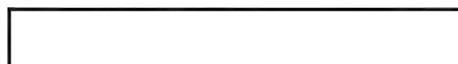
EL CRISTO MILITARY INSTALLATION 2008N 07547W



25X1

NO APPARENT CHANGE IN FACILITIES.
MAIN CAMP -- 12 UNIDENTIFIED TRACKED VEHICLES,
21 CARGO TRUCKS, 2 VAN TRUCKS, ONE UTILITY TRUCK, ONE
SMALL CARGO TRAILER, AND 6 FA PIECES.
AREA 1.6 NM NE -- IDENTIFICATION ONLY.

25X1



SECRET

SECRET

NPIC/R-1155/64

JURAGUA MILITARY ACTIVITY 2209N 08035W

FOURTEEN CARGO TRUCKS AND 16 FA PIECES OBSERVED.
SHADOW LIMITS INTERPRETATION.

25X1

25X1

HOLGUIN MILITARY CAMP NW 2057N 07616W

NO APPARENT CHANGE IN FACILITIES.
SEVEN TANKS, 15 TANKS/SP GUNS, 2 OTHER VEHICLES, AND
6 AAA PIECES OBSERVED.

25X1

TRINIDAD AREA POSS MIL HEADQUARTERS 2150N 07953W

NO APPARENT CHANGE IN FACILITIES.
EIGHT CARGO TRUCKS, 2 OTHER VEHICLES, AND 17 FA PIECES
OBSERVED.

25X1

ALTAGRACIA MILITARY AREA 2123N 07742W

THIRTEEN TANKS/SP GUNS OBSERVED.
HAZE AND OBLIQUITY LIMIT INTERPRETATION.

25X1

SANTA ISABEL FINCA MILITARY CAMP 2005N 07528W

MAIN CAMP -- NO APPARENT CHANGE IN FACILITIES.
APPROXIMATELY 12 PROBABLE CARGO TRUCKS, 4 PROBABLE
FA PIECES, AND 10 UNIDENTIFIED VEHICLES OR PIECES OF
EQUIPMENT.
CAMP ONE NM NORTH -- NO APPARENT CHANGE IN FACILITIES.
TEN PROBABLE CARGO TRUCKS AND 11 FA PIECES.

25X1

SECRET

SECRET

NPIC/R-1155/64

TACAJO MILITARY CAMP 2051N 07558W

25X1

AREA 1 -- 8 UNIDENTIFIED VEHICLES.
AREA 2 -- ABANDONED.
AREA 3 -- 4 BARRACKS, 8 OTHER BUILDINGS, 2 LARGE
NON-SOVIET TENTS, 20 CARGO TRUCKS, AND 18 MORTARS.
AREA 4 -- 4 PROBABLE BARRACKS, 5 OTHER BUILDINGS,
2 LARGE NON-SOVIET TENTS, 7 SMALL TENTS, 14 CARGO
TRUCKS, 18 FA PIECES, AND AN OCCUPIED 6-GUN AAA SITE.
AREA 5 -- 7 BUILDINGS, 4 LARGE NON-SOVIET TENTS,
2 SMALL TENTS, 12 CARGO TRUCKS, 2 VAN TRUCKS, 4 OTHER
VEHICLES, 3 UNIDENTIFIED PIECES OF EQUIPMENT, AND AN
OCCUPIED 6-GUN AAA SITE.
AREA 6 -- APPROXIMATELY 50 BUILDINGS (INCLUDING
SEVERAL RESIDENCES), 2 LARGE NON-SOVIET TENTS,
14 CARGO TRUCKS, 6 UTILITY TRUCKS, AND 3 UNIDENTIFIED
PIECES OF EQUIPMENT.
AREA 7 -- 6 BARRACKS (ONE UNDER CONSTRUCTION),
16 SUPPORT BUILDINGS, 11 CARGO TRUCKS, ONE UTILITY
TRUCK, 3 FA PIECES, 2 AAA PIECES, AND AN OCCUPIED
3-GUN AAA SITE.
AREA 8 -- ABANDONED.
AREA 9 -- 7 LARGE NON-SOVIET TENTS, ONE MEDIUM NON-
SOVIET TENT, 2 SMALL TENTS, 14 TANKS, ONE PROBABLE
TANK, ONE CARGO TRUCK, ONE VAN TRUCK, AND OTHER
VEHICLE.

25X1

DDS CAMINOS MILITARY TRAINING AREA 2014N 07547W

25X1

NO APPARENT CHANGE IN FACILITIES.
THIRTY-TWO TRACKED PRIME MOVERS, 57 CARGO TRUCKS,
2 VAN TRUCKS, AND 53 FA PIECES OBSERVED IN CLOUD-FREE
AREAS.

25X1

LA VEGUITA MILITARY CAMP 2049N 07615W

25X1

NO APPARENT CHANGE IN FACILITIES.
FOURTEEN CARGO TRUCKS, ONE PROBABLE UTILITY TRUCK,
AND AT LEAST 10 FA PIECES OBSERVED.

25X1

SECRET

SECRET

Approved For Release 2003/05/14 : CIA-RDP78B04560A003000010059-1

NPIC/R-1155/64

SANTA CLARA MILITARY CAMP CUBANACAN 2224N 07952W

CUBANACAN -- IDENTIFICATION ONLY.
STORAGE AREA NORTH -- AT LEAST 13 UNIDENTIFIED
VEHICLES.
ESCUELA TECNOLOGICA -- IDENTIFICATION ONLY.

25X1

25X1.

LA VEGA MILITARY CAMP 2053N 07552W

NO APPARENT CHANGE IN FACILITIES.
THIRTEEN CARGO TRUCKS, 12 FA PIECES AND 2 OCCUPIED
3-GUN AAA SITES OBSERVED.

25X1

SECRET

NPIC/R-1155/64

-STATUS OF OTHER TARGETS OBSERVED-

THE FOLLOWING TARGETS SHOW NO APPARENT CHANGE
SINCE LAST COVERAGE--

SAGUA LA GRANDE MRBM SITE 2	2239N 07951W
SANTIAGO DE CUBA CRUISE-MISSILE STORAGE	2004N 07551W
LOS CANOS AIRFIELD	2005N 07509W
JAIME GONZALES AIRFIELD	2209N 08024W
TRINIDAD AIRFIELD	2147N 07959W
LA JUTIA MILITARY INSTALLATION	2154N 08015W
SIBONEY LANDING BEACH	1957N 07542W
PLAYA YATERITAS LANDING BEACH	1958N 07457W
CIENFUEGOS LANDING BEACH	2202N 08036W
ENSENADA COLORADO LANDING BEACH	2202N 08025W
NICARO LANDING BEACH	2042N 07533W

25X1

THE FOLLOWING TARGETS COULD BE IDENTIFIED BUT
NOT INTERPRETED--

SANTIAGO DE CUBA SAM ASSEMBLY AREA	2003N 07553W
DELEITE SAM SITE	2259N 08045W
CIFUENTES SAM ASSEMBLY AREA	2236N 08005W
MOA PORT	2039N 07456W
CARDENAS PORT	2302N 08111W
ALTO CEDRO MILITARY CAMP	2029N 07600W
SANTA CLARA AREA MILITARY ACTIVITY	2220N 07957W
MATAGUA MILITARY CAMP	2215N 08002W
ANTON REGIO MILITARY INSTALLATION	2211N 08036W
SANTA CLARA AREA ARTILLERY TRAINING AREA	2222N 08000W
BARAJAGUA STORAGE DEPOT	2208N 08004W
MANICARAGUA STORAGE AREA	2206N 07958W
VARADERO LANDING BEACH	2308N 08118W
MAR VERDE LANDING BEACH	1957N 07557W

SECRET

Approved For Release 2003/05/14 : CIA-RDP78B04560A003000010059-1

Approved For Release 2003/05/14 : CIA-RDP78B04560A003000010059-1

SECRET